

What is claimed is:

1. A system for hot-dip galvanizing metal components, the system comprising:
 - a) a lifting device detachably attached to a lifting bow by an attaching means;
 - b) a lifting bow detachably attached to said lifting device, said lifting bow being comprised of plate metal of at least about 0.25 inches thick, said lifting bow having a first face, a second face, a top section, a bottom section, and two side sections, wherein said bottom section is substantially broader than said top section, and wherein said top section contains a cutout for receiving said attaching means of said lifting device, and wherein said bottom section having a plurality of means for hanging metal components to be galvanized; and
 - c) a tank containing a molten metal galvanizing composition, said tank being of sufficient size to receive a sufficient amount of molten galvanizing composition to submerge at least a portion of the bottom section of said lifting bow into said molten metal galvanizing composition.
2. The hot-dip galvanizing system of claim 1 wherein the plurality of hanging means are cutouts along the bottom section of the lifting bow.
3. The hot-dip galvanizing system of claim 1 wherein the present invention the hanging means are metal structures permanently attached to said bottom section of said lifting bow.
4. A method for hot-dip galvanizing metal components with a system comprising:
 - a) a lifting device detachably attached to a lifting bow by an attaching means;
 - b) a lifting bow detachably attached to said lifting device, said lifting bow being comprised of plate metal of at least about 0.5 inches thick, said lifting bow having a first face, a second face, a top section, a bottom section, and two side sections, wherein said bottom section is substantially broader than said top section, and wherein said top section contains a cutout for receiving said attaching means of said lifting device, and wherein said bottom section having a plurality of means for hanging metal components to be galvanized; and
 - c) a tank; said method comprising the steps of:

providing a molten metal galvanizing composition is said tank for galvanizing metal components;

attaching at least one metal component to a hanging means of said lifting bow, which lifting bow is detachably attached to a lifting device;

lowering the lifting bow with the lifting device toward the molten metal galvanizing composition so that said at least one metal component to be galvanized is submerged in said molten metal galvanizing composition for an effective amount of time; and;

raising said lifting bow with said lifting device so that said at least one metal component is no longer in contact with said molten metal galvanizing composition.

5. The method of claim 4 wherein the molten metal galvanizing composition is a molten zinc composition.

6. The method of claim 5 wherein said lifting device is a crane.